

CONTENTS

ORIGINAL REPORTS

- 1 Epidemiologic Studies of Occupational Pesticide Exposure and Cancer: Regulatory Risk Assessments and Biologic Plausibility**
John Acquavella, PhD, John Doe, PhD, John Tomenson, PhD, Graham Chester, BSC, John Cowell, BS, and Louis Bloemen, MS, MPH
- 8 Unemployment and the Detection of Early Stage Breast Tumors Among African Americans and Non-Hispanic Whites**
Ralph A. Catalano, PhD, William A. Satariano, PhD, and Elizabeth L. Ciemins, MPH
- 16 Polybrominated Biphenyl Exposure and Benign Breast Disease in a Cohort of US Women**
Reinhard Kaiser, MD, MPH, Michele Marcus, PhD, Heidi Michels Blanck, PhD, Mary Naughton, MD, MPH,
Rebecca H. Zhang, MS, Alden K. Henderson, PhD, MPH, Paige E. Tolbert, PhD, Carol H. Rubin, DVM, MPH, and Vicki S. Hertzberg, PhD
- 24 Dietary Factors and the Risk of Gastric Cancer Among Japanese Women: a Comparison Between the Differentiated and Non-Differentiated Subtypes**
Lucy Sayuri Ito, MD, Manami Inoue, MD, Kazuo Tajima, MD, Yoshitaka Yamamura, MD, Yasuhiro Kodera, MD, Kaoru Hirose, PhD,
Toshiro Takezaki, MD, Nobuyuki Hamajima, MD, Tetsuo Kuroishi, PhD, and Suketami Tominaga, MD
- 32 An International Comparison of Breast Cancer Survival: Winnipeg, Manitoba and Des Moines, Iowa, Metropolitan Areas**
Kevin M. Gorey, PhD, MSW, Erich Kliewer, PhD, Eric J. Holowaty, MD, MSc, Ethan Laukkanen, MD, and Edwin Y. Ng, MSW
- 42 Breast Cancer Surveillance using Gridded Population Units, Connecticut, 1992 to 1995**
David I. Gregorio, PhD, MS, Holly Samociuk, BA
- 50 Extended Mortality Follow-up of a Cohort of Dry Cleaners**
Aaron Blair, PhD, Sandra A. Petralia, PhD, and Patricia A. Stewart, PhD
- 57 Angiotensin I-Converting Enzyme (ACE) Gene Polymorphism in Relation to Physical Performance, Cognition and Survival—A Follow-up Study of Elderly Danish Twins**
Henrik Frederiksen, MD, David Gaist, MD, PhD, Lise Bathum, MD, PhD, Kjeld Andersen, MD, PhD, Matt McGue, PhD,
James W. Vaupel, PhD, and Kaare Christensen, MD, PhD
- 66 Occupant- and Crash-Related Factors Associated with the Risk of Whiplash Injury**
Anita Berglund, PhD, Lars Alfredsson, PhD, Irene Jensen, PhD, Lennart Bodin, PhD, and Åke Nygren, MD, PhD

BRIEF COMMUNICATION

- 73 Regarding: A Cohort Study of Systemic and Local Complications Following Implantation of Testicular Prostheses**
Lisa J. Herrinton, PhD, Timothy Brox, MD, Sander Greenland, MS, DrPH, William D. Finkle, PhD, Eugene Cattolica, MD,
and Stanford Shoor, MD

LETTER TO THE EDITOR

- 78 Response to Letter to the Editor: regarding "The Completeness, Validity, and Timeliness of AIDS Surveillance Data"**
R.M. Kleven, DDS, MPH, P.L. Fleming, PhD, J.J. Neal, PhD

ORIGINAL REPORTS

- 81 **Maternal Serum B₁₂ Levels and Risk for Neural Tube Defects in a Texas-Mexico Border Population**
Lucina Suarez, PhD, Kate Hendricks, MD, Marilyn Felkner, DrPH, and Elaine Gunter, MT(ASCP)
- 89 **A Partial SMR Approach to Smoothing Age-specific Rates**
Wen-Chung Lee, MD, PhD
- 100 **The Reliability of Passively Collected AIDS Surveillance Data in Massachusetts**
Kathleen M. Gallagher, DSc, Michele Jara, MPH, Alfred Demaria, Jr., MD, George R. Seage, DSc, and Timothy Heeren, PhD
- 105 **Survey Non-response in the Netherlands: Effects on Prevalence Estimates and Associations**
A. Jeanne M. Van Loon, PhD, Marja Tjhuis, PhD, H. Susan J. Picavet, PhD, Paul G. Surtees, PhD, and Johan Ormel, PhD
- 111 **Relative Validity of Food Frequency Questionnaire Nutrient Estimates in the Black Women's Health Study**
Shiriki K. Kumanyika, PhD, MPH, RD, David Mauger, PhD, Diane C. Mitchell, MS, RD, Brenda Phillips, MS, Helen Smiciklas-Wright, PhD, and Julie R. Palmer, ScD
- 119 **Comparison of Adipose Tissue Fatty Acids with Dietary Fatty Acids as Measured by 24-hour Recall and Food Frequency Questionnaire in Black and White Adventists: The Adventist Health Study**
Synnøve F. Knutsen, MD, PhD, Gary E. Fraser, MD, PhD, W. Lawrence Beeson, MSPH, Kristian D. Lindsted, PhD, and David J. Shavlik, MSPH
- 128 **Familial Aggregation of Nutrient Intake and Physical Activity: Results from the San Antonio Family Heart Study**
Braxton D. Mitchell, PhD, David L. Rainwater, PhD, Wen-Chi Hsueh, PhD, Amy J. Kennedy, BS, Michael P. Stern, MD, and Jean W. Maccluer, PhD
- 136 **Factors Associated with Improved Short Term Survival in Obese End Stage Renal Disease Patients**
Christopher W. Glanton, MD, Iman O. Hypolite, BS, Paul B. Hsieh, PhD, Lawrence Y. Agodoa, MD, Christina M. Yuan, MD, and Kevin C. Abbott, MD
- 144 **Acute Pyelonephritis in US Hospitals in 1997: Hospitalization and In-hospital Mortality**
Betsy Foxman, PhD, Kelly L. Klemstine, BS, MPH, and Patricia D. Brown, MD

ORIGINAL REPORTS

- 151 **Persistent Organochlorine Compounds and Birth Weight**
Beth C. Gladen, PhD, Zoreslava A. Shkiryak-Nyzhnyk, MD, Nataliya Chyslovska, MD, Tamara D. Zadorozhnaja, MD, and Ruth E. Little, ScD
- 158 **Preterm Birth in Relation to Maternal Organochlorine Serum Levels**
Laura Torres-Arreola, MD, MSc, Gertrud Berkowitz, PhD, Luisa Torres-Sánchez, MSc, Malaquías López-Cervantes, PhD, Mariano E. Cerbrián, PhD, Marisela Uribe, BSc, and Lizbeth López-Carrillo, DrPH
- 163 **Conventional Coronary Artery Disease Risk Factors and Coronary Artery Calcium Detected by Electron Beam Tomography in 30,908 Healthy Individuals**
Julie Anne Hoff, PhD, RN, Martha L. Daviglus, MD, PhD, Eva V. Chomka, MD, Andrew J. Krainik, MPH, Alexander Sevrakov, MD, and George T. Kondos, MD
- 170 **C-reactive Protein, *Helicobacter pylori*, *Chlamydia pneumoniae*, Cytomegalovirus and Risk for Myocardial Infarction**
Heidi L. Witherell, MA, Karen L. Smith, MD, MPH, Gary D. Friedman, MD, Catherine Ley, PhD, David H. Thom, MD, PhD, Norman Orentreich, MD, Joseph H. Vogelmann, PhD, and Julie Parsonnet, MD
- 178 **An Unexpected Distribution of Sodium Concentration in Serum Specimens Stored for More Than 30 Years**
Matthew P. Longnecker, MD, ScD, Haibo Zhou, PhD, Mark A. Klebanoff, MD, MPH, and John W. Brock, PhD

- 182 **Effects of Isolated Post-challenge Hyperglycemia on Mortality in American Indians: The Strong Heart Study**
Weiquan Lu, MD, Helaine E. Resnick, PhD, Arvind K. Jain, MS, Lucile L. Adams-Campbell, PhD, Kathleen A. Jablonski, PhD, Adrienne M. Gottlieb, MPH, David C. Robbins, MD, and Barbara V. Howard, PhD
- 189 **Anti-oxidized LDL Antibodies and Wine Consumption: A Population-based Epidemiological Study in Dicomano, Italy**
Mauro Di Bari, MD, PhD, Simona Zacchei, MD, Stephen B. Kritchevsky, PhD, Mario Anichini, MD, Simonetta Cesaretti, MD, Melisenda Chiarlone, MD, PhD, Giulio Masotti, MD, and Niccolò Marchionni, MD
- 196 **"Probable" Versus "Confirmed" Leptospirosis: An Epidemiologic and Clinical Comparison Utilizing a Surveillance Case Classification**
Alan R. Katz, MD, PhD, and Paul V. Effler, MD, MPH
- 204 **Sample Size for Biomarker Studies: More Subjects or More Measurements per Subject?**
Dejian Lai, PhD, Terri M. King, PhD, Lemuel A. Moyé, MD, PhD, and Qingyi Wei, MD, PhD

ORIGINAL REPORTS

- 211 **Genetic Epidemiology of Insulin Resistance and Visceral Adiposity: The IRAS Family Study Design and Methods**
Leora Henkin, MPH, MEd, Richard N. Bergman, PhD, Donald W. Bowden, PhD, Darrell L. Ellsworth, PhD, Steven M. Haffner, MD, MPH, Carl D. Langefeld, PhD, Braxton D. Mitchell, PhD, MPH, Jill M. Norris, PhD, Marian Rewers, DM, PhD, Mohammed F. Saad, MD, Elizabeth Stamm, MD, Lynne E. Wagenknecht, DrPH, and Stephen S. Rich, PhD
- 218 **The Impact of Changes in Marital Status on the Mortality of Elderly Japanese**
Chisato Nagata, MD, Naoyoshi Takatsuka, MD, and Hiroyuki Shimizu, MD
- 223 **Does Stress Influence Early Pregnancy Loss?**
Deborah B. Nelson, PhD, Jeane Ann Grisso, MD, MSc, Marshall M. Joffe, MD, PhD, Colleen Brensinger, MS, Leslie Shaw, PhD, and Elizabeth Datner, MD
- 230 **Marijuana Use and Injury Events Resulting in Hospitalization**
Susan Goodwin Gerberich, PhD, MSPH, Stephen Sidney, MD, MPH, Barbara L. Braun, PhD, Irene S. Tekawa, MA, Kimberly K. Tolan, MPH, and Charles P. Quesenberry, Jr., PhD
- 238 **An Appraisal of Echocardiography as an Epidemiological Tool: The Strong Heart Study**
Richard B. Devereux, MD, Mary J. Roman, MD, Jennifer E. Liu, MD, Elisa T. Lee, PhD, Wenyu Wang, PhD, Richard R. Fabsitz, MA, Thomas K. Welty, MD, MPH, and Barbara V. Howard, PhD
- 245 **Smoking Cessation and Renal Cell Carcinoma**
Alexander S. Parker, PhD, James R. Cerhan, MD, PhD, Carol A. Janney, MS, Charles F. Lynch, MD, PhD, and Kenneth P. Cantor, PhD
- 252 **Birth Cohort Effects in Multiple Sclerosis**
Ya-Ping Jin, MD, PhD, Jesús De Pedro-Cuesta, MD, PhD, Gonzalo López-Abente, MD, PhD, and Hans Link, MD, PhD
- 261 **Potential for Gene-Gene Confounding Bias in Case-Parental Control Studies**
Wen-Chung Lee, MD, PhD, and Yen-Yi Ho, MS
- 267 **Maternal Asthma and Risk of Preterm Delivery**
Tanya K. Sorensen, MD, Jennifer C. Dempsey, MPH, Rong Xiao, MD, Ihunnaya O. Frederick, MPH, David A. Luthy, MD, and Michelle A. Williams, ScD
- 273 **Traits of Persons Who Drink Decaffeinated Coffee**
Ai Kubo Schlonsky, MPH, Arthur L. Klatsky, MD, and Mary Anne Armstrong, MA

- 280 **Estimating Means of a Set of Measures from Small Samples by Using Multivariate Composite Estimating Concept—The Strong Heart Study**
Wenyu Wang, PhD, Elisa T. Lee, PhD, and Richard Fabsitz, MA
- 286 **Associations of Body Mass Index and Anthropometric Indicators of Fat Mass and Fat Free Mass with All-cause Mortality among Women in the First and Second National Health and Nutrition Examination Surveys Follow-up Studies**
Shankuan Zhu, MD, PhD, Moonseong Heo, PhD, Michael Plankey, PhD, Myles S. Faith, PhD, and David B. Allison, PhD
- 294 **Lung Cancer Risk in White and Black Americans**
Steven D. Stellman, PhD, MPH, Yu Chen, MPH, Joshua E. Muscat, MPH, Mirjana V. Djordjevic, PhD, John P. Richie, Jr., PhD, Philip Lazarus, PhD, Seth Thompson, PhD, Nasser Altorki, MD, Marianne Berwick, PhD, Marc L. Citron, MD, Susan Harlap, MD, Tajinder B. Kaur, MD, Alfred I. Neugot, MD, PhD, Sara Olson, PhD, John M. Travaline, MD, Philip Witorsch, MD, and Zuo-Feng Zhang, MD, PhD

ORIGINAL REPORTS

- 303 **The Collaborative Perinatal Project: Lessons and Legacy**
Janet B. Hardy, MDCM
- 312 **An Exploration of the Periodontitis–Cancer Association**
Philippe P. Hujoel, PhD, Mark Drangsholt, DDS, MPH, Charles Spiekerman, PhD, and Noel S. Weiss, MD, DrPH
- 317 **Asthma Prevalence among Pregnant and Childbearing-aged Women in the United States: Estimates from National Health Surveys**
Helen L. Kwon, MPH, Kathleen Belanger, PhD, and Michael B. Bracken, PhD
- 325 **How to Measure “What People do for a Living” in Research on the Socioeconomic Correlates of Health**
John Robert Warren, PhD, and Hsiang-Hui Kuo, PhD
- 335 **Serum 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) Levels and Thyroid Function in Air Force Veterans of the Vietnam War**
Marian Pavuk, MD, PhD, Arnold J. Schechter, MD, MPH, Fatema Z. Akhtar, MS, and Joel E. Michalek, PhD
- 344 **Use of Psychometric Techniques in the Analysis of Epidemiologic Data**
Samuel F. Posner, PhD, Leavonne Pulley, PhD, Lynn Artz, MD, MPH, and Maurizio Macaluso, MD, DrPH
- 351 **Occupational Physical Activity in the Atherosclerosis Risk in Communities Study**
Kelly R. Evenson, PhD, Wayne D. Rosamond, PhD, Jianwen Cai, PhD, Mark A. Pereira, PhD, and Barbara E. Ainsworth, PhD, MPH
- 358 **Do Asthma and Physical Inactivity Influence the Associations of Personal and Job Stressors with Perceived Stress and Depression? Findings from the 1998–1999 California Work and Health Survey**
Eric L. Hurwitz, DC, PhD
- 369 **Impact of Antidiabetic Medications on Physical and Cognitive Functioning of Older Mexican Americans with Diabetes Mellitus: A Population-based Cohort Study**
Jasmanda H. Wu, PhD, Mary N. Haan, DrPH, Jersey Liang, PhD, Debashis Ghosh, PhD, Hector M. Gonzalez, PhD, and William H. Herman, MD
- 377 **Modeling Community-level Effects on Preterm Birth**
Jay S. Kaufman, PhD, Nancy Dole, PhD, David A. Savitz, PhD, and Amy H. Herring, ScD
- 385 **Assessing Exposure to Crystalline Silica from Farm Work: A Population-based Study in the Southeastern United States**
Christine G. Parks, PhD, Glinda S. Cooper, PhD, Leena A. Nylander-French, PhD, Julia F. Storm, MS, and John D. Archer, MSPH
- 393 **Erratum**

ORIGINAL REPORTS

- 395 **Epidemiologic Evidence for Different Roles of Ultraviolet A and B Radiation in Melanoma Mortality Rates**
Cedric F. Garland, DrPH, Frank C. Garland, PhD, Edward D. Gorham, MPH, PhD
- 405 **Black Tea Consumption and Risk of Rectal Cancer in Moscow Population**
Dora Il'yasova, PhD, Lenore Arab, PhD, Arseny Martinchink, MD, PhD, Alexander Sdvizhkov, MD, Leonard Urbanovich, MD, and Ute Weisgerber, PhD
- 412 **Periconceptional Multivitamin Folic Acid Use, Dietary Folate, Total Folate and Risk of Neural Tube Defects in South Carolina**
Shirley J. Thompson, PhD, Myriam E. Torres, PhD, Roger E. Stevenson, MD, Jane H. Dean, RN, and Robert G. Best, PhD
- 419 **Coffee Intake and Mortality from Liver Cirrhosis**
Aage Tverdal, PhD, and Svetlana Skurtveit, PhD
- 424 **Vegetable Intake and Long-term Survival among Middle-aged Men in Italy**
Fulvia Seccareccia, DSc, Adalberto Alberti-Fidanza, DSc, Flaminio Fidanza, MD, Gino Farchi, DSc, Karen M. Freeman, MPH, Sergio Mariotti, DSc, and Alessandro Menotti, MD
- 431 **Duration of Breastfeeding, Daycare, and Physician Visits among Infants 6 Months and Younger**
Melinda M. Pettigrew, PhD, Morteza Khodaei, MPH, Brenda Gillespie, PhD, Kendra Schwartz, MD, Janet K. Bobo, MD, and Betsy Foxman, PhD
- 436 **Changing Patterns of Skin Melanoma Mortality in West Germany from 1968 through 1999**
Andreas Stang, MD, MPH, and Karl-Heinz Jöckel, PhD
- 443 **Systematic Screening of Secondary Diagnoses in Medicare Administrative Data to Identify Candidate Risk Factors for the Principal Diagnosis**
William B. Baine, MD
- 450 **Effects of Misattribution in Assigning Cause of Death on Prostate Cancer Mortality Rates**
Richard M. Hoffman, MD, S. Noell Stone, MPH, William C. Hunt, MS, Charles R. Key, MD, and Frank D. Gilliland, MD
- 455 **Obesity and Height in Urban Nigerian Women with Breast Cancer**
Clement A. Adebamowo, BMChB (Hons), Temidayo O. Ogundiran, MBBS, Adeniyi A. Adenipekun, MBBS, Rasheed A. Oyesegun, MBBS, Oladapo B. Campbell, MD, Effiong U. Akang, MBBS, Charles N. Rotimi, PhD, and Olufunmilayo I. Olopade, MBBS
- 462 **Premier: A Clinical Trial of Comprehensive Lifestyle Modification for Blood Pressure Control: Rationale, Design and Baseline Characteristics**
Laura P. Svetkey, MD, David W. Harsha, PhD, William M. Vollmer, PhD, Victor J. Stevens, PhD, Eva Obarzanek, PhD, Patricia J. Elmer, PhD, Pao-Hwa Lin, PhD, Catherine Champagne, PhD, Denise G. Simons-Morton, MD, PhD, Mikel Aickin, PhD, Michael A. Proschan, PhD, and Lawrence J. Appel, MD
- 472 **Prevalence of Dementia in Three Ethnic Groups: The South Florida Program on Aging and Health**
Jasenka Demirovic, MD, PhD, Ronald Prineas, MD, PhD, David Loewenstein, PhD, Judy Bean, PhD, Ranjan Duara, MD, Steven Sevush, MD, and Jose Szapocznik, PhD
- 479 **Antibiotic Prescribing for Cystitis: How Well Does it Match Published Guidelines?**
Laura N. McEwen, MPH, Rand Farjo, MD, and Betsy Foxman, PhD

ORIGINAL REPORTS

485 Occupational History and Exposure and the Risk of Adult Leukemia in Shanghai

Olufemi J. Adegoke, MBChB, DrPH, Aaron Blair, PhD, Xiao Ou Shu, MD, PhD, Maureen Sanderson, PhD, Fan Jin, MD, Mustafa Dosemeci, PhD, Cheryl L. Addy, PhD, and Wei Zheng, MD, PhD

495 The Reliability of Telephone Interviews Compared with In-person Interviews Using Memory Aids

Linda S. Cook, PhD, Jennifer L. White, MEdes, Gavin C.E. Stuart, MD, and Anthony M. Magliocco, MD

502 A Population-based Study on the Immediate and Prolonged Effects of the 1999 Taiwan Earthquake on Mortality

Chang-Chuan Chan, ScD, Yi-Ping Lin, MS, CAGS, Hsiu-Hsi Chen, PhD, Ta-Yuan Chang, MS, Tsun-Jen Cheng, MD, ScD, and Li-Sheng Chen, MS

509 Association of Main Driver-dependent Risk Factors with the Risk of Causing a Vehicle Collision in Spain, 1990–1999

Pablo Lardelli-Claret, MD, PhD, Juan De Dios Luna-Del-Castillo, MD, PhD, José Juan Jiménez-Moleón, MD, PhD, Trinidad Rueda-Domínguez, PhD, Miguel García-Martín, MD, PhD, Pedro Femia-Marzo, MD, PhD, and Aurora Bueno-Cavanillas, MD, PhD

518 Application of Capture-recapture Methodology to Estimate the Prevalence of Dementia in South Carolina

Maureen Sanderson, PhD, John T. Benjamin, MD, MPH, Marcia J. Lane, MPH, Carol B. Cornman, BS, RN, PA, and Dorothy R. Davis, BA

525 Dehydration in Black and White Older Adults Using Diuretics

Kristie J. Lancaster, PhD, RD, Helen Smiciklas Wright, PhD, Debra A. Heller, PhD, Frank M. Ahern, PhD, and Gordon Jensen, MD, PhD

530 A Prospective Evaluation of the Risk of QT Prolongation with Hormone Replacement Therapy: The Atherosclerosis Risk in Communities Study

Mercedes R. Carnethon, PhD, Mary S. Anthony, PhD, Wayne E. Cascio, MD, Aaron R. Folsom, MD, Pentti M. Rautaharju, MD, Duanping Liao, MD, PhD, Gregory W. Evans, MS, and Gerardo Heiss, MD

537 Trends in Risk Factors for the Major "Lifestyle-related Diseases" in Geneva, Switzerland, 1993–2000

Bruna Galobardes, MD, MPH, Michael C. Costanza, PhD, Martine S. Bernstein, MD, Cécile H. Delhumeau, MPH, and Alfredo Morabia, MD, PhD

LETTERS TO THE EDITOR

541 Regarding "A Case-control Study of Sexually Transmitted Disease and Risk of Testicular Cancer"

Gail Husson, MPH, MEd, and Lisa J. Herrinton, PhD

543 Nonsteroidal Anti-inflammatory Drugs and Hypotension among Patients Hospitalized for Invasive Group A Streptococcal Disease

Zuber D. Mulla, MSPH, PhD

ORIGINAL REPORTS

545 President's Address

Richard A. Kaslow, MD, MPH

549 "What's Past is Prologue": A Tribute to Abraham Lilienfeld

David Schottenfeld, MD, MSc

- 552 **ACE Forum Report: The Making of an Epidemiologist-Necessary Components for Doctoral Education and Training**

Nora L. Lee and Jonathan M. Samet, MD, MS

ABSTRACTS

- 557 **American College of Epidemiology Annual Meeting**

September 6-9, 2003

Chicago, IL

ORIGINAL REPORTS

- 597 **Editorial**

Roberta B. Ness, MD, MPH, Melissa L. Bondy, PhD, MS, BA, Charles Branas, PhD, Carlos A. Camargo, Jr., MD, DrPH, Richard Rothenberg, MD, Jonathan M. Samet, MD, Dale P. Sandler, PhD, G. Marie Swanson, PhD, MPH, and Brian L. Strom, MD, MPH

- 599 **Social Variations in Fetal Growth in a Russian Setting: An Analysis of Medical Records**

Andrej M. Grjibovski, MD, Lars O. Bygren, MD, PhD, Boo Svartbo, PhD, and Per Magnus, MD, PhD

- 606 **The Association of Psychiatric Disorders and HIV Infection in the Correctional Setting**

Jacques Baillargeon, PhD, Suzanne Ducate, MD, John Pulvino, PA, Patrick Bradshaw, MS, Owen Murray, DO, and Rene Olvera, MD

- 613 **Diabetes Mellitus and Cognitive Performance in Older Women**

Valerie C. Crooks, DSW, J. Galen Buckwalter, PhD, and Diana B. Petitti, MD, MPH

- 620 **Neighborhood Context and Self-rated Health in Older Mexican Americans**

Kushang V. Patel, MPH, Karl Eschbach, PHD, Laura L. Rudkin, PhD, M. Kristen Peek, PhD, and Kyriakos S. Markides, PhD

- 629 **Differences between Estimated Caloric Requirements and Self-reported Caloric Intake in the Women's Health Initiative**

James R. Hebert, MSPH, SCD, Ruth E. Patterson, PhD, RD, Malka Gorfine, PhD, Cara B. Ebbeling, PhD, Sachiko T. St. Jeor, PhD, RD, Rowan T. Chlebowski, MD, PhD

- 638 **Relationships between Hormonal Status and Cataract in French Postmenopausal Women: The POLA Study**

Roselyne Defay, PhD, Sybil Pinchinat, MSc, Serge Lumbroso, PhD, Charles Sultan, MD, Laure Papoz, PhD, Cécile Delcourt, PhD, and The POLA Study Group

- 645 **The Belgrade Childhood Diabetes Study: Association of Infections and Vaccinations on Diabetes in Childhood**

Sandra Šipetić, PhD, Hristina Vlajinac, PhD, Nikola Kocev, MSc, and Slobodan Radmanović, PhD

- 652 **A Cohort Mortality Study of Workers Exposed to Chlorinated Organic Solvents in Taiwan**

Yung-Ming Chang, MPH, Chi-Fu Tai, BS, Sweo-Chung Yang, MPH, Chiou-Jong Chen, PhD, Tung-Sheng Shih, ScD, Ruey S. Lin, MD, DrPH, and Saou-Hsing Liou, MD, MOH, PhD

ORIGINAL REPORTS

- 661 **Intimate Partner Violence and Depression among Whites, Blacks, and Hispanics**

Raul Caetano, MD, PhD, and Carol Cunradi, PhD, MPH

- 666 **Sex-race Differences in the Relationship between Obesity and Asthma: The Behavioral Risk Factor Surveillance System, 2000**

Sunghye Kim, MD, and Carlos A. Camargo, Jr., MD, DrPH

- 674 **Relationship of Total and Abdominal Adiposity with CRP and IL-6 in Women**

Kathryn M. Rexrode, MD, MPH, Aruna Pradhan, MD, MPH, Joann E. Manson, MD, DRPH, Julie E. Buring, ScD, and Paul M. Ridker, MD, MPH

- 683 **Waist to Stature Ratio is More Strongly Associated with Cardiovascular Risk Factors than Other Simple Anthropometric Indices**
Sai-Yin Ho, PhD, Tai-Hing Lam, MD, and Edward D Janus, MD, and for the Hong Kong Cardiovascular Risk Factor Prevalence Study Steering Committee
- 692 **Bone Mineral Density and Mortality in Women and Men: The NHANES I Epidemiologic Follow-up Study**
Michael E. Mussolino, MA, Jennifer H. Madans, PhD, and Richard F. Gillum, MD
- 698 **Low Risk of Hip Fracture among Elderly Breast Cancer Survivors**
Elizabeth B. Lamont, MD, MS, and Diane S. Lauderdale, PhD
- 704 **Impact of the LDS Church's Health Doctrine on Deaths from Diseases and Conditions Associated with Cigarette Smoking**
Ray M. Merrill, PhD, MPH, Sterling C. Hilton, PhD, and Melissa Daniels, MSPH
- 712 **Lifestyle Risk Factors and Chronic Kidney Disease**
Suma Vupputuri, PhD, and Dale P. Sandler, PhD
- 721 **Assessment of a National Health Interview Survey-based Method of Measuring Community Socioeconomic Status**
K. Robin Yabroff, PhD, MBA, and Leon Gordis, MD, DrPH
- 727 **Author Index**
- 735 **Subject Index**
- S1 **Foreword**
Jacques E. Rossouw, MD, Garnet L. Anderson, PhD, and Albert Oberman, MD
- S5 **Implementation of the Women's Health Initiative Study Design**
Garnet L. Anderson, PhD, Joann Manson, MD, DrPH, Robert Wallace, MD, Bernedine Lund, MS, Dallas Hall, MD, Scott Davis, MBA, Sally Shumaker, PhD, Ching-Yun Wang, PhD, Evan Stein, MD, PhD, and Ross L. Prentice, PhD
- S18 **The Women's Health Initiative Recruitment Methods and Results**
Jennifer Hays, PhD, Julie R. Hunt, PhD, F. Allan Hubbell, MD, MSPH, Garnet L. Anderson, PhD, Marian Limacher, MD, Catherine Allen, PhD, and Jacques E. Rossouw, MD
- S78 **The Women's Health Initiative Postmenopausal Hormone Trials: Overview and Baseline Characteristics of Participants**
Marcia L. Stefanick, PhD, Barbara B. Cochrane, PhD, Judith Hsia, MD, David H. Barad, MD, James H. Liu, MD, and Susan R. Johnson, MD
- S87 **The Women's Health Initiative Dietary Modification Trial: Overview and Baseline Characteristics of Participants**
Cheryl Ritenbaugh, PhD, MPH, Ruth E. Patterson, PhD, RD, Rowan T. Chlebowski, MD, PhD, Bette Caan, DrPH, Lesley Fels-Tinker, PhD, RD, Barbara Howard, PhD, and Judy Ockene, PhD
- S98 **The Women's Health Initiative Calcium-Vitamin D Trial: Overview and Baseline Characteristics of Participants**
Rebecca D. Jackson, MD, Andrea Z. LaCroix, PhD, Jane A. Cauley, DrPH, and Joan McGowan, PhD
- S107 **The Women's Health Initiative Observational Study: Baseline Characteristics of Participants and Reliability of Baseline Measures**
Robert D. Langer, MD, MPH, Emily White, PhD, Cora E. Lewis, MD, MSPH, Jane M. Kotchen, MD, MPH, Susan L. Hendrix, DO, and Maurizio Trevisan, MD, MS
- S122 **Outcomes Ascertainment and Adjudication Methods in the Women's Health Initiative**
J. David Curb, MD, MPH, Anne McTiernan, MD, PhD, Susan R. Heckbert, MD, PhD, Charles Kooperberg, PhD, Janet Stanford, PhD, Michael Nevitt, PhD, MPH, Karen C. Johnson, MD, MPH, Lori Proulx-Burns, MN, RN, Lisa Pastore, BAS, Michael Criqui, MD, MPH, and Sandra Daugherty, MD